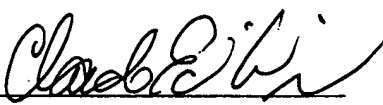


ASSIGNMENT OF ALL INTEREST

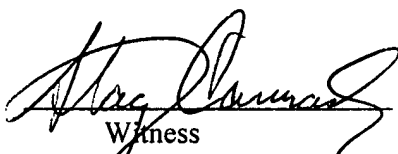
We, (1) **HAMID BACHA**; (2) **ROBERT BRUCE CARROLL**; (3) **LEV MIRLAS**; (4) **SUNG WEI TCHAO**, whose full post office addresses are (1) 9510 Locust Hill Dr., Great Falls, VA, U.S.A., 22066; (2) 246 Byram Lake Road, Mount Kisco, NY, U.S.A., 10549; (3) 98 Millcroft Way, Thornhill, Ontario, Canada, L4J 6P4; (4) 168 Hollywood Ave., Toronto, Ontario, Canada, M2N 3K5, for which good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell and assign to **INTERNATIONAL BUSINESS MACHINES CORPORATION**, whose full post office address is New Orchard Road, Armonk, New York, United States of America, all our interest in all countries excluding Canada, including all rights under the International Convention, in and to our invention relating to **SYSTEM FOR ELECTRONIC REPOSITORY OF DATA ENFORCING ACCESS CONTROL ON DATA RETRIEVAL**, as fully described and claimed in our application for a patent for such invention and to all our corresponding right, title and interest in and to any patent which may issue therefor.

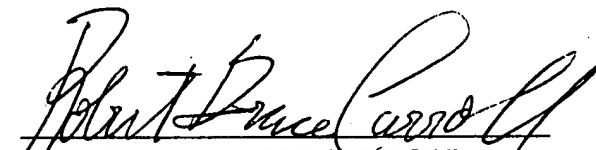
Signed at Gaithersburg, MD, USA, this 30th day of December, 1998.


Witness

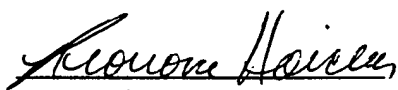

HAMID BACHA

Signed at HAUTAUONE, NY, this 16th day of FEBRUARY, 1998.


Witness



ROBERT BRUCE CARROLL

Signed at North York, Ontario, Canada, this 17th day of December, 1998.


Witness


LEV MIRLAS

Signed at North York, Ontario, Canada, this 17th day of December, 1998.


Witness


SUNG WEI TCHAO

VERIFICATION

I, Claude Wilson, whose full post office address is 43263 Tisbury St., S. Riding, VA 20152, make oath and say that I was personally present and did see **HAMID BACHA**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.

Claude E. Wilson
Witness

I, Stacy Cannady, whose full post office address is 8 PARK RD., NEW FAIRFIELD, CT 06812, make oath and say that I was personally present and did see **ROBERT BRUCE CARROLL**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.

Stacy Cannady
Witness

I, Leonora Hoicka, whose full post office address is 85 Yonge Blvd., North York, Ont., Canada, make oath and say that I was personally present and did see **LEV MIRLAS**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.

Leonora Hoicka
Witness

I, Leonora Hoicka, whose full post office address is 85 Yonge Blvd., North York, Ont., Canada, make oath and say that I was personally present and did see **SUNG WEI TCHAO**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.

Leonora Hoicka
Witness